

Title (en)
SCREW-DEVICE FOR ANASTOMOSIS

Title (de)
SCHRAUBENVORRICHTUNG ZUR ANASTOMOSE

Title (fr)
SYSTEME DE VIS POUR ANASTOMOSE

Publication
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Application
EP 03816761 A 20030722

Priority
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Abstract (en)
[origin: WO2004096059A1] The present invention, the screw-device, is a mechanical device for anastomosing hollow tube-like structures in the human body, such as blood vessels, bowels and ureters. It is thus not restricted to (micro-)vessels. It can be used in every surgical operation dealing with anastomosis and bypass operations. It allows anastomosing end to side or side to side. The screw-device is very easy to apply onto the vessel wall. Screwing is a fast technique saving operating time and requiring only basic microsurgical skills. The manufacturing is easy. Another advantage is that the screw-device can be mounted onto the receptor vessel without first opening and/or occluding this vessel. Later on, the receptor vessel wall can be opened with laser or scalpel. It should be understood that the foregoing is illustrative and not limiting, and that modifications may be made by those skilled in the art, without departing from the scope of the invention.

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